

STEREO MOC Status Report
Time Period: 2011:290 - 2011:296

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 290, for the DSS 45 support, the transmitter was declared red prior to the track. This anomaly resulted in the loss of all commanding and two-way tracking data for the duration of the support. All SSR data was received. See DR# C108253 for more information.
 - On day 291, during the DSS 55 support, turbo decoder lock was lost briefly at 0927z. This anomaly resulted in the loss of three frames of SSR data. See DR# N107676 for more information.
 - On day 292, during the DSS 55 support, turbo decoder lock was lost briefly at 0929z. This anomaly resulted in the loss of three frames of SSR data. See DR# N107679 for more information.
 - On day 293, during the DSS 65 support, telemetry lock was intermittently lost beginning at 0533z. The anomaly was cleared after the antenna motor was controller was reset at 0647z. This anomaly resulted in the loss of approximately one hour of SSR data for all instruments. See DR# M106502 for more information.
2. The following spacecraft/instrument events occurred during this week:
 - On day 290, STEREO AHEAD was at aphelion in its heliocentric orbit.
 - The average daily SSR playback volume for Ahead was 4.7 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 290, for the DSS 45 support, the transmitter was declared red prior to the track. This anomaly resulted in the loss of all commanding and two-way tracking data for the duration of the support. All SSR data was received. See DR# C108249 for more information.
- On day 295, during the DSS 55 support, six seconds of telemetry were missing beginning at 15:30:50z. The station reported good telemetry and turbo decoder lock during this time. This anomaly resulted in the loss of 86 frames of SSR data. See DR# N107680 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 4.3 Gbits during this week.